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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014,919	12/11/2001	Andrew B. Baker	18922-05648	9981

758 7590 02/20/2008

FENWICK & WEST LLP
SILICON VALLEY CENTER
801 CALIFORNIA STREET
MOUNTAIN VIEW, CA 94041

EXAMINER

GREIMEL, JOCELYN

ART UNIT	PAPER NUMBER
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3693

MAIL DATE	DELIVERY MODE
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02/20/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

1. This communication is in response to Applicant's Amendments and Remarks filed 23 August 2007 and the Supplemental Amendment filed 22 October 2007.

Request for Information

2. Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the Examiner has determined is reasonably necessary to the examination of this application.

3. In response to this requirement, please provide answers to each of the following interrogatories eliciting factual information: in addition to the U.S. patents which are incorporated by reference; the Applicant's reference and articles by Stephen Smith, Senior Research Scientist, ICL Laboratory, which may be found at http://www.ri.cmu.edu/people/smith_stephen.html. The referenced materials are described as designed to minimize the "makespan" of the schedule in question, i.e., the time taken to complete the job in its entirety. Please submit information regarding the connection of Stephen Smith to the pending application.

4. In addition, in response to this requirement, please reference specific articles (out of the 163 currently listed articles) of Stephen Smith which relate to the specific improvements of the

subject matter in the claims over the disclosed prior art and indicate the specific elements in the claimed subject matter that provide those improvements. For those claims expressed as means or steps plus function, please provide the specific page and line numbers within the disclosure which describe the claimed structure and acts.

5. In responding to those requirements that require copies of documents, where the document is a bound text or a single article over 50 pages, *the requirement may be met by providing copies of those pages that provide the particular subject matter indicated in the requirement*, or where such subject matter is not indicated, the subject matter found in applicant's disclosure.

6. The fee and certification requirements of 37 CFR 1.97 are waived for those documents submitted in reply to this requirement. This waiver extends only to those documents within the scope of this requirement under 37 CFR 1.105 that are included in the applicant's first complete communication responding to this requirement. Any supplemental replies subsequent to the first communication responding to this requirement and any information disclosures beyond the scope of this requirement under 37 CFR 1.105 are subject to the fee and certification requirements of 37 CFR 1.97.

7. The applicant is reminded that the reply to this requirement must be made with candor and good faith under 37 CFR 1.56. Where the applicant does not have or cannot readily obtain

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an item of required information, a statement that the item is unknown or cannot be readily obtained may be accepted as a complete reply to the requirement for that item.

8. This requirement is subject to the provisions of 37 CFR 1.134, 1.135 and 1.136 and has a shortened statutory period of two (2) months. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Status of Claims

9. Claims 11-30 and 36-51 are currently pending. Claims 37-51 are newly added.

Conclusion

10. This requirement is subject to the provisions of 37 CFR 1.134, 1.135 and 1.136 and has a shortened statutory period of two (2) months. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

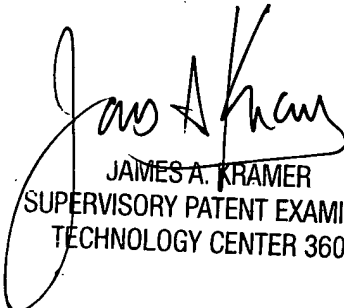
11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jocelyn Greimel whose telephone number is (571) 272-3734. The examiner can normally be reached Monday - Friday 8:30 AM - 4:30 PM EST. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Kramer can

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be reached at (571) 272-6783. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jocelyn Greimel
Examiner, Art Unit 3693
January 21, 2008

 1/22/08
JAMES A. KRAMER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600